August 2011
900546-001 Rev. 00

FRU Installation Notes

Virtuo Audio Filter

Applicability

This document is applicable to the components or categories listed below:

- ☐ Software
- ☑ Hardware
- ☐ Mechanical
- ☐ Packaging

About This Document

This document is intended for Operators of TouchTunes Virtuo SmartJukes, TouchTunes Field Service, Customer Support, and Sales personnel.

It explains how to install the Audio Filter Field Replaceable Unit (FRU) (p/n 600128-001) in Virtuo SmartJukes.

Note: This kit is provided as a replacement—only for Virtuos already equipped with an audio filter. Audio filters are not required for Revision 0F (as identified on product label) and higher of Virtuo computer, as the functionality is built into the computer itself.

Overview

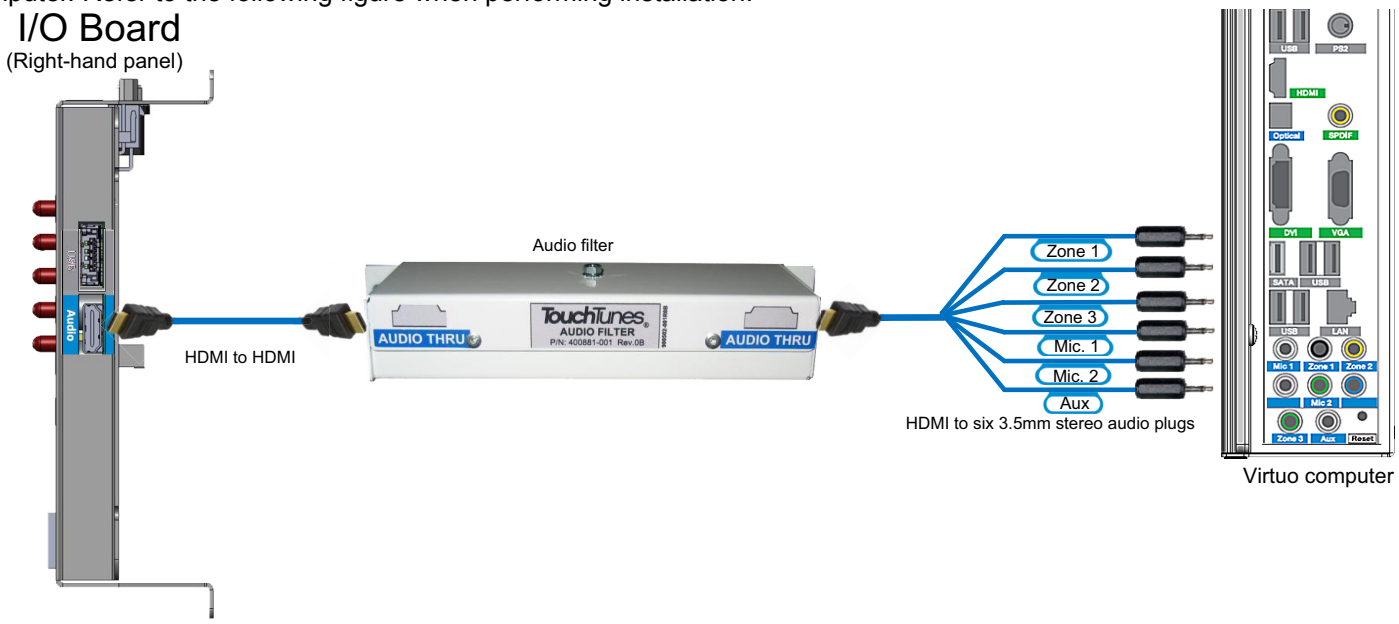
The audio filter minimizes noise, ensuring that your Virtuo is delivering optimal audio quality. Installation of the audio filter can be accomplished in a matter of minutes, and requires no special tools or equipment nor drilling.

Audio filter (p/n 400881-002)

HDMI-HDMI cable (p/n 300665-024)

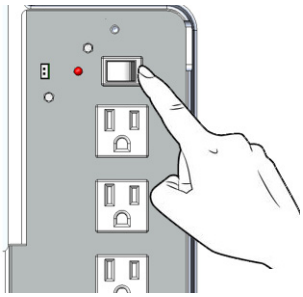
Virtuo Audio Filter and Cable

The audio filter kit installs between the HDMI audio output of Virtuo's I/O board and the six audio input jacks of the computer. Refer to the following figure when performing installation.



Audio Filter connection diagram

Installation

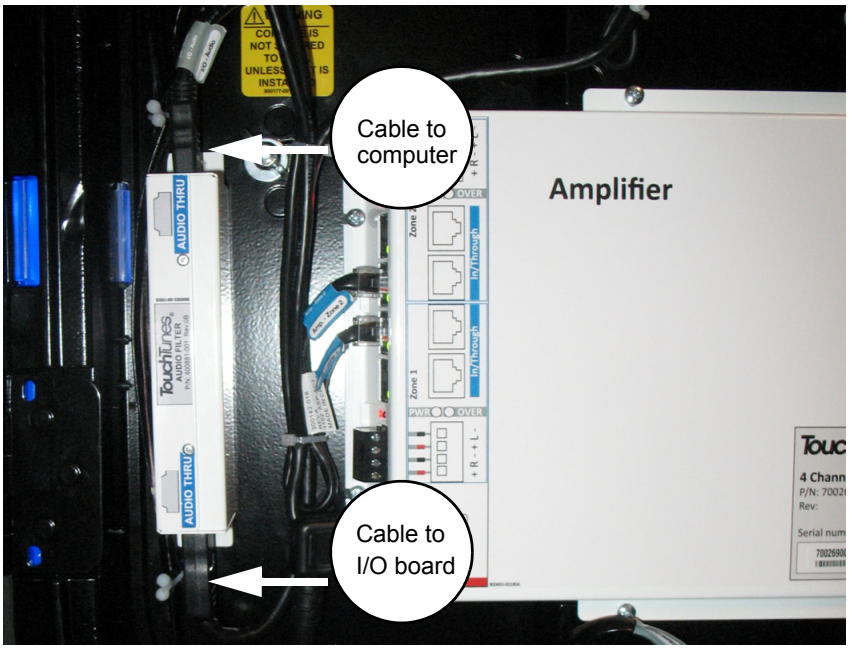


IMPORTANT: When performing this procedure or any other maintenance on your Virtuo, the SmartJuke must be powered off and its electrical power disconnected

To install the audio filter:

1. Power down Virtuo by setting the rocker switch on the power strip to the **OFF (O)** position.
2. Disconnect the HDMI-HDMI cable from its port on the bottom of the audio filter.

   This is the cable to the I/O board. The other end of the cable need not be disconnected.

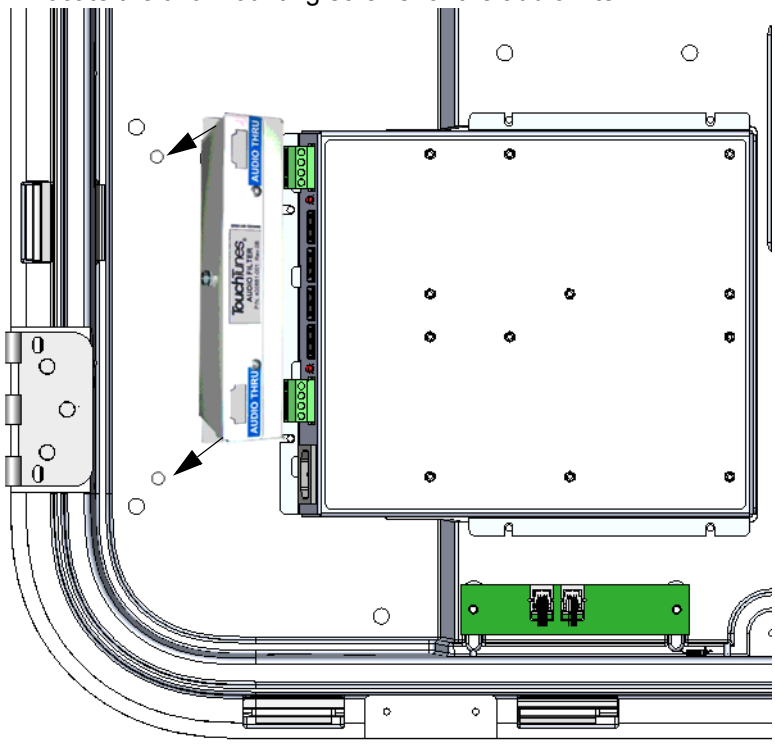


Audio filter cable connections

3. Disconnect the HDMI-to-audio plugs cable from its port on the top of the audio filter.

   This is the cable that connects to the six audio jacks on the Virtuo computer. The audio plugs need not be unplugged from their jacks.

4. Locate the two mounting screws for the audio filter.



Mounting Holes for Audio Filter

5. Using a Phillips head screwdriver, remove the audio filter by unfastening the two screws.
6. Secure the new audio filter to the chassis with the orientation such that its lettering reads from bottom to top.
7. Connect the HDMI-to-stereo-plugs cable (disconnected in step 3) to the upper HDMI port on the audio filter.
8. Connect the HDMI-HDMI cable (disconnected in step 2) to the lower HDMI port on the audio filter.
9. Power up Virtuo by setting the rocker switch on the power strip to the **ON (I)** position.

You have now completed the installation of your audio filter.

Contacting TouchTunes Support

If you need help with or have questions about this document, contact TouchTunes by:

- Using the email links on the Contacts page on the TouchTunes Dashboard at https://operator.touchtunes.com.
- Calling TouchTunes 24/7 Service Hotline at 847-353-1954.

To help us assist you more effectively with problem reports, the following information may be required when contacting TouchTunes Support:

- SmartJuke ID.
- The serial number of any component you believe to be defective.
- The date/time of the problem.
- Actions performed immediately before the problem occurred.
- Any additional comments.

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